


<b>Search Notes</b> 	<b>Application/Control No.</b> 10781985	<b>Applicant(s)/Patent Under Reexamination</b> MAHLAB ET AL.
	<b>Examiner</b> Kim, David S	<b>Art Unit</b> 2613

### SEARCHED

Class	Subclass	Date	Examiner

### SEARCH NOTES

Search Notes	Date	Examiner
EAST search - see search history printout	11/27/2006	DSK, 12/5 - 12/7/06
text search in 398/25-38	11/27/2006	DSK, 12/7/06
scholar.google.com - various combinations of the following terms: measuring chirp nonlinearity ber monitor dispersion nonlinear effect measure compensate bit rate reroute regeneration detect sense determine self-phase self phase spm four-wave four photon fwm cross-phase cross phase cpm xpm brillouin raman stokes	11/27/2006	DSK, 12/5 - 12/7/06
text search in 398/25, 33, 147, 158, 159	12/7/2006	DSK
ieeexplore.ieee.org - various combinations of the following terms: measur* detect* sens* monitor* determin* chirp nonlinear* non-linear* optic*	12/7/2006	DSK
discussed claim 2 with SPE Jason Chan, PE Christina Leung, PE Leslie Pascal, PE Mohammad Sedighian	12/7/2006	DSK
scholar.google.com - various combinations of the following terms: dispersion lower bit rate reduce	5/28/2007	DSK
Optical Networks: A Practical Perspective, 2nd ed. by Ramaswami et al.	5/28/2007	DSK
EAST search - see search history printout	12/6/2007	DSK, 12/7, 12/8/07
scholar.google.com - various combinations of the following terms: chirp measure nonlinearity non-linearity fiber self-phase "self phase" Stolen modulation lower bit rate nonlinear effects reduce SPM	12/18/2007	DSK, 12/20/07

### INTERFERENCE SEARCH

Class	Subclass	Date	Examiner